



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

November 1, 2017

Katie P. Davis
Regulatory Affairs Manager, US
Syngenta Seeds, LLC - Field Crops - NAFTA
9 Davis Drive
Research Triangle Park, NC 27709

Subject: Labeling Notification per Pesticide Registration Notice (PRN) 98-10 – Addition of alternate brand names and general housekeeping including entity name and address
Product Name: Bt11 Insect-Resistant Corn
EPA Registration Number: 67979-1
Application Date: November 30, 2016
OPP Decision Number: 534664

Dear Ms. Davis:

The U.S. Environmental Protection Agency (EPA) is in receipt of your application for notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Biopesticides and Pollution Prevention Division (BPPD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The labeling submitted with this application has been stamped “Notification” and will be placed in our records. The alternate brand names Agrisure® CB/LL, Agrisure® GT/CB/LL, Bt11 Field Corn, Agrisure® 3010, and Agrisure Artesian® 3010A have been added to the product’s records. You must submit one (1) copy of the final printed labeling with the modifications.

Should you wish to add/retain a reference to your company’s website on your label, then please be aware that the website becomes labeling under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and is subject to review by the EPA. If the website is false or misleading, the product will be considered to be misbranded and sale or distribution of the product is unlawful under FIFRA section 12(a)(1)(E). 40 CFR § 156.10(a)(5) lists examples of statements the EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the EPA find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA-approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance Assurance.

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If you have any questions, please contact Matt Weiner of my team by phone at (703) 347-0333 or via email at weiner.matthew@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read 'Alan Reynolds', with a long horizontal flourish extending to the right.

Alan Reynolds, Team Leader
Emerging Technologies Branch
Biopesticides and Pollution
Prevention Division (7511P)
Office of Pesticide Programs

Enclosure

Plant-incorporated Protectant Label

Bt11 Insect-Resistant Corn

Alternate Brand Names:

Agrisure® CB/LL
Agrisure® GT/CB/LL
Bt11 Field Corn
Agrisure® 3010
Agrisure Artesian® 3010A

NOTIFICATION

67979-1

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

11/01/2017

OECD Unique Identifier: SYN-BTØ11-1

This product is effective in limiting corn leaf, stalk, and ear damage caused by corn borers and certain other lepidopteran pests.

Active Ingredient:

Bacillus thuringiensis Cry1Ab protein and the genetic material necessary for its production (via elements of vector pZO1502) in Bt11 corn (SYN-BTØ11-1) ≤0.0028%*

Inert Ingredient:

Phosphinothricin acetyltransferase protein and the genetic material necessary for its production (via elements of vector pZO1502) in Bt11 corn (SYN-BTØ11-1)..... ≤ 0.00002%*

*Percentage on a dry weight basis from the highest concentration measure in individual plant tissues.

Keep Out of the Reach of Children

CAUTION

EPA Reg. No. 67979-1
EPA Est. No. 67979-IA-002

Syngenta Seeds, ~~Inc~~LLC. – Field Crops - NAFTA
~~P.O. Box 12257~~
~~9 Davis Drive 3054 East Cornwallis Road~~
Research Triangle Park, NC 27709

®, ~~TM~~ Trademarks of a Syngenta Group company

Directions for Use

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

The subject registration will automatically expire September 30, 2020.

This plant-incorporated protectant may be combined through conventional breeding with other registered plant-incorporated protectants that are similarly approved for use in combination, through conventional breeding, with other plant-incorporated protectants to produce inbred corn lines and

hybrid corn varieties with combined pesticidal traits.

All commercial seed corn seed that contains [Bt11 Insect-Resistant CornBt11](#) that is sold by Syngenta Seeds or its distributors must be accompanied by informational material (e.g. bag tag) indicating the EPA registration number and the active ingredients, and stipulating that growers read the product Insect Resistance Management (IRM) Stewardship Guide (or equivalent guidance) prior to planting the seed. The refuge size and requirement must be displayed on the seed bag or bag tag in both text and graphic format as shown below.

**Important grower information.
This hybrid requires you to plant:**



**For more information please refer
to the Syngenta Stewardship Guide.**

Insects Controlled or Suppressed

Corn has been genetically modified to produce a *Bacillus thuringiensis* Cry1Ab delta-endotoxin protein for control or suppression of:

European corn borer	(<i>Ostrinia nubilalis</i>)
Southwestern corn borer	(<i>Diatraea grandiosella</i>)
Southern cornstalk borer	(<i>Diatraea crambidoides</i>)
Corn earworm	(<i>Helicoverpa zea</i>)
Fall armyworm	(<i>Spodoptera frugiperda</i>)
Sugarcane borer	(<i>Diatraea saccharalis</i>)
Common stalk borer	(<i>Papaipema nebris</i>)
Lesser cornstalk borer	(<i>Elasmopalpus lignosellus</i>)

Insect Resistance Management

An IRM Stewardship Guide (or equivalent guidance) must be distributed to all customers using seed containing the plant incorporated-protectant. The IRM Stewardship Guide will include instructions and recommendations regarding product use, insect resistance management, and integrated pest management. The following information regarding refuge requirements for commercial production must be included in the IRM Stewardship Guide for the corn belt and cotton-growing areas.

These IRM requirements do not apply to breeding, research, propagation of inbred seed, or production of hybrid seed corn on up to a total of 20,000 acres per county and up to a combined U.S. total of 250,000 acres per plant-incorporated protectant active ingredient per registrant per year.

Corn Belt (Non cotton-Growing Areas)

For ~~Bt11 Insect-Resistant Corn Bt11 field corn~~ grown in the Corn Belt (non cotton-growing areas), growers must adhere to the following refuge requirements:

- Growers must plant a refuge of at least 20% non-Bt corn and/or non-lepidopteran-resistant Bt corn.
- The refuge can be planted as a block, strips within the field, perimeter around the field, adjacent or a separate block planted within ½ mile.
- A neighbor's field does not meet the refuge requirements.
- Strips, blocks, or perimeter refuges must be a minimum of 4 contiguous rows wide.
- Non-Bt foliar insecticide treatments for corn borer control may be applied only if economic thresholds are reached for one or more pests. Economic thresholds will be determined using methods recommended by local or regional professionals (*e.g.* Extension service agents, crop consultants).
- The refuge should be planted with a hybrid that is agronomically similar to and managed similarly to the ~~Bt11 Insect-Resistant Corn Bt11 corn~~.

Cotton-Growing Areas

For Bt field corn grown in cotton-growing areas (defined below) growers must adhere to the following refuge requirements.

- Growers must plant a refuge of at least 50% non-Bt corn and/or non-lepidopteran-resistant Bt corn.
- The refuge can be planted as a block, strips within the field, perimeter around the field, adjacent or a separate block planted within ½ mile.
- A neighbor's field does not meet the refuge requirements.
- Strips, blocks, or perimeter refuges must be a minimum of 4 contiguous rows wide.

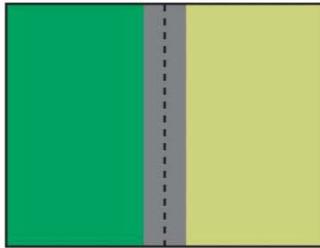
- Non-Bt foliar insecticide treatments for corn borer control may be applied only if economic thresholds are reached for one or more pests. Economic thresholds will be determined using methods recommended by local or regional professionals (*e.g.* Extension service agents, crop consultants).
- The refuge should be planted with a hybrid that is agronomically similar to and managed similarly to the Bt11 Insect-Resistant Corn.

The following table lists those states and counties identified by the Environmental Protection Agency (EPA) as cotton-growing areas.

State	Counties Identified by EPA as Cotton-Growing Areas			
Alabama	All Counties			
Arkansas	All Counties			
Florida	All Counties			
Georgia	All Counties			
Louisiana	All Counties			
Mississippi	All Counties			
Missouri	Dunklin Stoddard	New Madrid	Pemiscot	Scott
North Carolina	All Counties			
Oklahoma	Beckham Greer Kiowa	Caddo Harmon Tillman	Comanche Jackson Washita	Custer Kay
South Carolina	All Counties			
Tennessee	Carroll Fayette Hardin Lincoln Shelby	Chester Franklin Haywood Madison Tipton	Crockett Gibson Lake Obion	Dyer Hardeman Lauderdale Rutherford
Texas	All counties with the exception of the following:			
	Carson Hutchinson Roberts	Dallam Lipscomb Sherman	Hansford Moore	Hartley Ochiltree
Virginia	Dinwiddie Northampton Sussex	Franklin City Southampton	Greensville Suffolk City	Isle of Wight Surrey

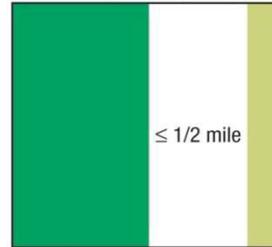
Schematics showing refuge deployment options:

Adjacent



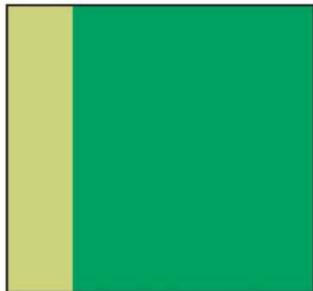
Can be separated by a road, path, ditch, etc., but not by another field.

1/2 Mile Option

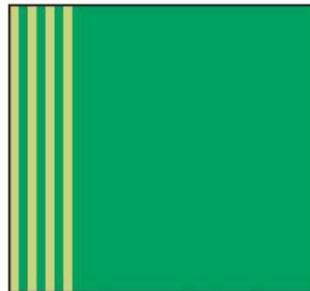


Corn Borer Refuge Option Only

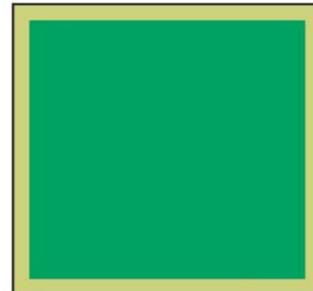
Within



Block



Strips (Split Planter)



Perimeter